

Part 3

California Electrical Code

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EXPRESS TERMS

ITEM 9-1 AS SUBMITTED

CHAPTER 4: Equipment for General Use, Articles 400-490.

The Department is proposing the repeal of Sections 404.8(C), 406.3(G) and to repeal the California amendment to Section 406.3 of Chapter 4.

ARTICLE 404 Switches

~~404.8(C) [HCD 1/AC]—Installation Height~~

~~(C) [For HCD 1/AC] Installation Height.~~

~~(1) [For HCD 1/AC] Where access for people with physical disabilities is required by Article 89.7, the center of the grip of the operating handle of controls or switches intended to be used by the occupant of the room or area to control lighting and receptacle outlets, appliances or cooling, heating and ventilating equipment, shall be not more than 48 inches (1219 mm) above the finished floor or working platform.~~

~~(2) [For HCD 1/AC] When access for people with physical disabilities is required in covered multifamily dwellings units, light switches, thermostats and other environmental controls shall be located no higher than 48 inches (1219 mm), and no lower than 15 inches (381 mm), above the finished floor measured to the center of the grip. If the reach is over an obstruction (for example, a kitchen base cabinet) between 20 and 25 inches (508 and 635 mm) in depth, the maximum height is reduced to 44 inches (1118 mm) for forward approach, or 46 inches (1168 mm) for side approach, provided the obstruction is no more than 24 inches (610 mm) in depth. Obstructions shall not extend more than 25 inches (635 mm) from the wall beneath a control. Controls that do not satisfy these specifications are acceptable provided that comparable controls or outlets, that perform the same functions, are provided within the same area and are accessible.~~

Note:

Authority: Health and Safety Code sections 17040, 17921, 17922 and 19990, and Government Code section 12955.1

Reference: Health and Safety Code sections 17000-17060, 17910-179900 and 19960-19997, and Government Code section 12955.1

ITEM 9-1 – Committee Recommendations



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APPROVED AS SUBMITTED

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(END OF ITEM)

ARTICLE 406 Receptacles, Cord Connectors, and Attachment Plugs (Caps)**406.3 General Installation Requirements.**

Receptacle outlets shall be located in branch circuits in accordance with Part III of Article 210. General installation requirements shall be in accordance with 406.3(A) through (F). ~~[For HCD 1/AC] General installation requirements shall be in accordance with 406.3(A) through (G).~~

406.3(G) [HCD 1/AC]—Installation Heights.**406.3(G) [HCD 1/AC]—Installation Heights.**

~~(1) [HCD 1/AC w/exceptions 1, 2, and 3] Where access for people with physical disabilities is required by Article 80.7, receptacle outlets on branch circuits of 30 amperes or less shall be installed in an outlet box located not more than 48 inches (1219 mm) measured from the top of the receptacle outlet box nor less than 15 inches (381 mm) measured from the bottom of the receptacle outlet box above the finished floor or working platform.~~

~~Exception No. 1: Receptacle outlets installed as part of permanently installed baseboard heaters are exempt.~~

~~Exception No. 2: Required receptacle outlets shall be permitted in floors when adjacent to sliding panels or walls.~~

~~Exception No. 3: Baseboard electrical outlets used in relocatable partitions, window walls or other electrical convenience floor outlets are not subject to the minimum height requirements.~~

~~(2) [For HCD 1/AC] When access for persons with physical disabilities is required in covered multifamily dwellings, receptacle outlets on branch circuits of 30 amperes or less shall be located in an outlet box located no more than 48 inches (1219 mm) measured from the top of the receptacle outlet box nor less than 15 inches (381 mm) measured from the bottom of the receptacle outlet box above the finished floor or working platform. If the reach is over an obstruction (for example, a kitchen base cabinet) between 20 and 25 inches in depth, the maximum height measured at the box is reduced to 44 inches for forward approach, or 46 inches for side approach, provided the obstruction is no more than 24 inches in depth. Obstructions shall not extend more than 25 inches from the wall beneath the receptacle.~~

~~Outlets that do not satisfy these specifications are acceptable provided that comparable outlets, that perform the same functions, are provided within the same area and are accessible.~~

Note:

Authority: Health and Safety Code sections 17040, 17921, 17922 and 19990, and Government Code section 12955.1

Reference: Health and Safety Code sections 17000-17060, 17910-179900 and 19960-19997, and Government Code section 12955.1

ITEM 9-2 – Committee Recommendations

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(END OF ITEM)

INITIAL STATEMENT OF REASONS

Part affected: Part 3, Title 24, CCR

The Administrative Procedure Act requires that an Initial Statement of Reasons be available to the public upon request when rulemaking action is being undertaken. The following are the reasons for proposing this particular rulemaking action.

1) Administrative Requirement.

Health and Safety Code Section 17922 directs the Department of Housing and Community Development (Department) to recommend adoption to the Building Standards Commission of rules and regulations which are substantially similar to the most recent edition of the National Electric Code (NEC) into Part 3, of Title 24, California Code of Regulations.

2) Specific Purpose

The California Building Standards Commission (CBSC) selected the 2002 NEC published by the National Fire Protection Association as the model code to be referenced in CEC, Title 24, CCR, Part 3, for the 2004 code adoption cycle.

The specific purpose of these regulations is to amend the 2004 edition of the CEC, Title 24, CCR, Part 3, as indicated on the attached Adoption Matrix, for the following programs:

a) **State Housing Law:** relative to residential occupancies, buildings or structures accessory thereto and as provided for through the Federal Fair Housing Amendment Act's accessibility requirements, except where the application is for public use only.

b) **Employee Housing Act:** relative to the use of electrical equipment and systems in or on any building or structure or outdoors on premises or property in accordance with Health and Safety Code Section 17040.

c) **Mobilehome Parks and Special Occupancy Parks Acts:** relative to the use of electrical equipment and systems in or on any permanent building or accessory building or structure within the park in accordance with Health and Safety Code Sections 18300 and 18670 for Mobilehome Parks; and 18865 and 18873.3 for Special Occupancy Parks.

d) **Factory-Built Housing Law:** relative to residential buildings, dwellings or portions thereof, or building component, or manufactured assembly in accordance with Health and Safety Code Section 19990.

3) Rationale for Necessity.

It is necessary to repeal previously existing State amendments in order that all substantive requirements related to disabled access be located in one place (2001 California Building Code, Title 24, Part 2, Chapter 11A, Housing Accessibility) as is concurrently being done with the 2001 CEC. In the concurrent 2001 CEC rulemaking some existing amendments will be modified or repealed to reflect necessary changes and these changes are described with their rationales in the proposed amendment to the CEC, Title 24, CCR, Part 3. These amendments will represent no change in their effect to the 2004 CEC. The substantive provisions will be added in a concurrent amendment to the 2001 California Building Code, Title 24, Part 2, Chapter 11A, Housing Accessibility.

4) Proposed Regulatory Actions.

CHAPTER 4: Equipment for General Use.

Section 404.8(C) [For HCD 1/AC] Installation Height

Section 406.3 General Installation Requirements

Section 406.3(G) [For HCD 1/AC] Installation Heights

Specific Regulatory Action

The Department is proposing to repeal the adoption of Section 404.8(C). The substantive provisions of this previously existing section are being relocated by concurrent amendments into the 2001 California Building Code, Title 24, Part 2, Chapter 11A, Housing Accessibility with modifications.

The Department is proposing to repeal the state amendment to Section 406.3. This amendment is a reference to Section 406.3 (A) through (G).

The Department is proposing to repeal the adoption of Section 406.3 (G)(1) with exceptions 1, 2, and 3, and 406.3 (G)(2). The substantive provisions of this previously existing section are being relocated by concurrent amendments into the 2001 California Building Code, Title 24, Part 2, Chapter 11A, Housing Accessibility with modifications.

DETERMINATIONS

AN IDENTIFICATION OF EACH TECHNICAL, THEORETICAL, AND EMPIRICAL STUDY, REPORT, OR SIMILAR DOCUMENT UPON WHICH THE AGENCY IS RELYING IN PROPOSING THE ADOPTION, AMENDMENT, OR REPEAL.

None.

ALTERNATIVES TO THE REGULATION

None. There were no alternatives available to the Department. The Department is conforming electrical provisions related to disabled access to related plumbing provisions, which are all located in the 2001 California Building Code, Title 24, Part 2, Chapter 11A, Housing Accessibility.

ALTERNATIVES THE (AGENCY) HAS IDENTIFIED THAT WOULD LESSEN ANY ADVERSE IMPACT ON SMALL BUSINESS

The Department has determined that this regulatory action would have no significant adverse economic impact on California business enterprises and individuals, including the ability of California businesses to compete with businesses in other states.

FACTS, EVIDENCE, DOCUMENTS, TESTIMONY, OR OTHER EVIDENCE OF NO SIGNIFICANT ADVERSE ECONOMIC IMPACT ON BUSINESS.

None

DUPLICATION OR CONFLICTS WITH FEDERAL REGULATIONS

These regulations do not duplicate nor conflict with Federal regulations.

EFFECT ON PRIVATE PERSONS

No alternative which was considered would be either more effective than or equally as effective as and less burdensome to affected private persons than the proposed regulations. The regulated public and consumers will have better access to disabled access construction requirements if all disabled access standards are in one chapter of the California Building Code, Chapter 11A.

Set forth below are the alternatives which were considered and the reasons each alternative was rejected:

None. There were no alternatives available to the Department.

SPECIFIC TECHNOLOGY OR EQUIPMENT

None